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| FORM PTO-1390 (REV. 10-2003) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 21071YP |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/509277 |
| INTERNATIONAL APPLICATION NO. PCT/US03/09800 | INTERNATIONAL FILING DATE 1 April 2003 | PRIORITY DATE CLAIMED 5 April 2002 | |
| TITLE OF INVENTION SUBSTITUTED ARYL AMIDES | | | |
| APPLICANT(S) FOR DO/EO/US WILLIAM K. HAGMANN, LINUS S. LIN, and SHRENIK K. SHAH | | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (19) indicated below. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]. <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. <p>Items 11 to 18 below concern other document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. <input type="checkbox"/> Other items or information: | | | |

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|---|--|-------------------------------|--|--------------------------|--|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/509277 | | PCT/US03/09800 | | 21071 YP | |

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|---|--------------|--------------|-------------------|-----------------------|--------------|
| 19. <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]: Neither international preliminary examination fee (37 CFR 1.482) nor international search fee [37 CFR 1.445(a)(2)] paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1,080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee [37 CFR 1.445(a)(2)] paid to USPTO \$770.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$730.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00 | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$730.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)]. | | | | | |
| Claims | Number Filed | Number Extra | Rate | | |
| Total Claims | 24 - 20 = | 4 | X \$18.00 | \$72.00 | |
| Independent Claims | 2 - 3 = | 0 | X \$86.00 | \$0.00 | |
| Multiple dependent claim(s) (if applicable) | | | + \$290.00 | \$0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$802.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | | |
| SUBTOTAL = | | | | \$802.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | |
| TOTAL NATIONAL FEE = | | | | \$802.00 | |
| Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | + | |
| TOTAL FEES ENCLOSED = | | | | \$802.00 | |
| | | | | Amount to be refunded | |
| | | | | charged | |

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-2755 in the amount of \$802.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.


SEND ALL CORRESPONDENCE TO:

Customer No. 000210

MERCK & CO., INC.
 Patent Department, RY60-30
 P.O. Box 2000
 126 East Lincoln Avenue
 Rahway, New Jersey 07065-0970

DATE: September 27, 2004

PHONE #: (732) 594-4283


 SIGNATURE
CATHERINE D. FITCH
 NAME
36,502
 REGISTRATION NUMBER

DT03 Rec'd PCT/PTO 27 SEP 2004

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DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING
A FILING A UNDER 35 U.S.C. 371

Serial No. PCT/US03/09800
Case Docket No.: 21071YP
International Filing Date: 1 April 2003
Priority Date: 5 April 2002
Title: SUBSTITUTED ARYL AMIDES

Inventors: WILLIAM K. HAGMANN, LINUS S. LIN,
and SHRENIK K. SHAH

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT September 27, 2004

EXPRESS MAIL NO. EL989603698US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
EXPRESS MAIL "POST OFFICE TO ADDRESSEE" BEFORE
5 P.M. ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO
COMMISSIONER OF PATENTS AND TRADEMARKS, BOX PCT,
WASHINGTON, D.C. 20231.

MAILED BY Don Schepisi DATE September 27, 2004